

HEART OF THE VALLEY METROPOLITAN SEWERAGE DISTRICT

MONTH: JANUARY 2010

HYDRAULIC AND ORGANIC LOADINGS DATA

INFLUENT

PERCENT OF FLOW VOLUME

TOTAL FLOW TO PLANT:	170,549,000 GALLONS	KAUKAUNA	45.39
AVERAGE B.O.D. :	199 mg/L	L. CHUTE	21.75
AVERAGE SUSPENDED SOLIDS :	198 mg/L	KIMBERLY	10.90
AVERAGE PHOSPHORUS :	4.90 mg/L	C. LOCKS	5.68
AVERAGE AMMONIA-N :	22.26 mg/L	DARBOY	16.28
AVERAGE CHLORIDES :	495.83 mg/L		

MAXIMUM DAILY FLOW TO PLANT: 8,858,000 GALLONS

AVERAGE DAILY INFLUENT LOADINGS

PLANT DESIGN CRITERIA

	<u>%</u>	
FLOW :	46.2	11,900,000 GALLONS/DAY
B.O.D. :	62.4	14,651 POUNDS/DAY
SUSPENDED SOLIDS :	55.9	16,278 POUNDS/DAY
PHOSPHORUS :	55.3	407 POUNDS/DAY
AMMONIA-N :	53.2	1,920 POUNDS/DAY
CHLORIDES :		

FINAL EFFLUENT

MONTHLY AVERAGE

PERMIT LIMIT

		<u>%</u>	
cB.O.D. :	6.26 mg/L	25.1	25 mg/L
SUSPENDED SOLIDS :	10.78 mg/L	35.9	30 mg/L
PHOSPHORUS :	0.25 mg/L	24.6	1 mg/L
AMMONIA-N :	1.21 mg/L		
CHLORIDES :	479.17 mg/L		